Lowest Price Technically Acceptable Analysis – Non-Price Factors – Worksheet Request for Offer 68HE0920Q0005 - Federal Facility Multi-Site Technical Oversight Support	
EVALUATOR'S NAME: Nadia Burke	**OFFEROR: TechLaw**
LPTA Technical Ratings	
Technical Approach (Corporate Experience, Technical Management Plan, and Qualifications of Key Personnel	
Rating	**Description**
Acceptable	Proposal clearly meets the minimum requirements of the solicitation.
Unacceptable	Proposal does not clearly meet the requirements of the solicitation.

SUBFACTOR 1: CORPORATE EXPERIENCE

CRITERIA	RATING	Proposal Page No.	Summary/Explanation
The contractor shall demonstrate knowledge and experience with vapor intrusion investigations or remediation activities employing the EPA OSWER Directive 9200.2-84 Assessing Protectiveness at Sites for Vapor Intrusion (December 2012) and/or EPA OSWER Publication 9200.2-154 Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air (June 2015). In order to be evaluated as Acceptable, the required experience must be demonstrated through three (3) relevant projects that included work within the past five (5) years.	Acceptable	Page 3, 4, and 5	TechLaw has clearly demonstrated knowledge and experience with vapor intrusion investigations and remediation activities with the following 3 projects within the past 5 years. 1-At Edwards AFB, TechLaw made recommendations for indoor air, soil gas, and subslab sampling locations for buildings that required sampling as a result of this evaluation and based on the EPA Guidance, OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air in 2018. 2-At LLNL Site 300, TechLaw has reviewed work plans and VI data generated during recent sampling events in accordance with the 2015 EPA Guidance, OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air. 3-At LLNL Main Site, TechLaw has reviewed work plans and evaluated VI data generated during recent sampling events in accordance with the 2015 EPA Guidance, OSWER Technical Guide for Assessing and Mitigating the Vapor Intrusion Pathway from Subsurface Vapor Sources to Indoor Air.

The contractor shall demonstrate experience with CERCLA projects overseeing and/or executing environmental investigations and remediations conducted by Federal Facilities, including an understanding of Federal Facility Agreements (or Federal Facility Site Remediation Agreements) and the roles each agency plays therein. The Federal Facility experience should include review and/or development of documents including work plans and sampling and analysis plans, evaluation and/or development of technical proposals, verification of compliance with approved work plans, and familiarity with application of EPA and State regulations, guidance, statutes, etc. CERCLA experience must also have included detailed review of human health risk assessments and evaluation and/or development of remediation decision documents. In order to be evaluated as Acceptable, the required experience must be demonstrated through two (2) relevant projects that included work within the past five (5) years.	Acceptable	Page 6, 7, and 8	Project descriptions for the former McClellan AFB, the former Alameda Naval Air Station, and Williams clearly demonstrate TechLaw's knowledge and experience with oversight of the CERCLA process and investigations and remediation conducted by Federal Facilities, including an understanding of Federal Facility Agreements (or Federal Facility Site Remediation Agreements) and the roles each agency plays therein. Various document reviews were conducted demonstrating verification of compliance with approved work plans, and familiarity with application of EPA and State regulations, guidance, statutes, etc. within the past 5 years. At McClellan, since 01/31/1999, TechLaw has been conducting oversight of all phases of the CERCLA process on the entire base, including providing technical expertise at site meetings in support of EPA Region 9. TechLaw has conducted over 1,060 reviews of CERCLA documents, including: PA/SIs, RI/FS, HHRAs, ERAs, remediation decision documents (PPs and RODs), RD/RA, construction completion reports. At Alameda, TechLaw has reviewed more than 640 CERCLA documents, including documents related to treatability studies; pilot tests; soil, groundwater, sediment, and MEC removals; and, documents related to investigations and remediation of radioactive contamination. TechLaw has reviewed work plans, SAPs, QAPPs, technical proposals, SI and RI/FS reports, HHRAs, ERAs, remediation decision documents (PPs and RODs), RD/RAs, O&M plans, LUCIPs, Five-Year Reviews, groundwater monitoring reports, and interim and final RA Closeout Reports. All document reviews focus on ensuring compliance with applicable RODs, approved work plans, and the FFA. TechLaw has provided technical support to EPA for Alameda overseeing all phases of CERCLA investigation and remediation from 08/31/1999 to present and has conducted sampling oversight work as recently as 2019. At both Alameda and Williams, Tech Law also participated in Cleanup Team Meetings including all of

			the agencies involved which further supports their experience with the roles each agency plays, as well as discussions addressing State requirements.
The contractor shall demonstrate experience with CERCLA projects that pertain to experience in the evaluation, analysis, and remediation of various organic and inorganic chemicals, including emerging contaminants, such as Per- and polyfluoroalkyl substances (PFAS). Experience with remediation projects includes excavation and treatment or disposal of contaminated soil and soil vapor extraction technologies in addition to groundwater projects, particularly volatile organic compounds in large groundwater plumes. In order to be evaluated as Acceptable, the required experience must be demonstrated through at least one (1) relevant project that included work within the past five (5) years.	Acceptable	8	TechLaw's experience at Williams AFB clearly demonstrates experience with various CERCLA remediation projects, including the evaluation, analysis, and remediation of various organic and inorganic chemicals, including emerging contaminants such as per- and polyfluoroalkyl substances (PFAS). TechLaw has participated in numerous BCT conference calls and conducted approximately 114 reviews of CERCLA documents that address the investigation and remediation of various organic and inorganic chemicals. Recently, TechLaw identified insufficient characterization of PFAS in groundwater at a fire training area site because the SI wells were placed in locations that were upgradient of the burn areas. TechLaw also has reviewed assessments of soil and groundwater remediation and a large groundwater plume impacted by releases of JP-4 and aviation gasoline from operations, with VOC contamination affecting both the vadose and saturated zones, and residual light non-aqueous phase liquid (LNAPL) present throughout much of the hydrogeologic strata underlying the site.

The contractor shall demonstrate knowledge and experience with projects providing technical support for radiation response activities including investigation soil survey employing the Multiagency Radiation Soil Survey Investigation manual (MARSSIM), risk assessment and remediation in soil and groundwater. In order to be evaluated as Acceptable, the required experience must be demonstrated through at least one (1) relevant project that included work within the past five (5) years.	Acceptable	6, 9	TechLaw clearly demonstrates experience providing radiological technical support for radiation response activities, including investigation soil survey employing the Multiagency Radiation Soil Survey Investigation Manual (MARSSIM) and radiation risk assessment and remediation in soil and groundwater in the past 5 years. At McClellan, TechLaw provided oversight from 1999-present of radiological cleanup through review of multiple final status survey reports (FSSRs), non-time critical removal actions (NTCRAs), and RACRs for sites with radiological contamination. The technical aspects of data collection and analysis for radiological constituents were assessed for adherence to the MARSSIM, EPA 402-R-97-016, and the Multi-Agency Radiological Laboratory Analytical Protocols Manual (MARLAP), EPA-402-B-04-001A, ANSI/ASQ E4 standards. TechLaw assessed environmental media contaminated by several radionuclides, including radium-226 and plutonium-239. At Hunter's Point, TechLaw assessed the technical aspects of previous data collection and analysis for radiological constituents during the past three years for adherence to the MARSSIM, EPA 402-R-97-016, and the MARLAP, EPA-402-B-04-001A, ANSI/ASQ E4 standards. TechLaw has provided field activity support, including groundwater sampling program audits and collection of split samples of soil and landfill gas.
The contractor shall demonstrate knowledge and experience with projects providing technical support for military munitions response activities	Acceptable	7, 10	TechLaw clearly demonstrates technical experience in supporting military munitions response activities at Federal Facilities, including: characterization and

at Federal Facilities, including: characterization and remediation of munitions constituents and Munitions and Explosives of Concern (MEC) at munitions response sites; independent Quality Assurance of munitions response actions; analysis of the potential for environmental release and persistence of munitions constituents; review of work plans and reports for MEC investigation and remediation including advanced geophysical classification; and review of risk assessments for MEC and residual chemicals. In order to be evaluated as Acceptable, the required experience must be demonstrated through one (1) relevant project that included work within the past five (5) years.			remediation of munitions constituents and Munitions and Explosives of Concern (MEC) at munitions response sites; independent Quality Assurance of munitions response actions; analysis of the potential for environmental release and persistence of munitions constituents; review of work plans and reports for MEC investigation and remediation including advanced geophysical classification; and review of risk assessments for MEC and residual chemicals. At Fort Ord, reviews from 1999 to the present have included scrutiny to ensure MEC characterization and remediation activities have been performed in accordance with applicable regulations. TechLaw reviews have also included independent Quality Assurance of munitions response actions; analysis of the potential for environmental release and persistence of munitions constituents; review of work plans and reports for MEC investigation and remediation including advanced geophysical classification; and review of risk assessments for MEC and residual chemicals. MEC characterization and removal technical support was provided from 1999 to the present at Alameda as well.
OVERALL RATING FOR SUBFACTOR 1: **CORPORATE EXPERIENCE:** Rating: Acceptable			

SUBFACTOR 2: TECHNICAL MANAGEMENT PLAN

CRITERIA	RATING	Proposal Page No.	Summary/Explanation
Technical Management Plan: The TMP shall provide a description of how the contractor plans to manage the Task Order (TO). In order to be evaluated as Acceptable, the plan shall include the technical approach used to achieve each task and identify project organization, key personnel, required resources, the intended communication process with EPA, the contractor's points of contact and responsibilities, and subcontractor management. The TMP is due with the proposal. The TMP shall be limited to ten (10) pages.	Acceptable	11-20	The TMP includes the technical approach used to achieve each task on Pages 11-14, and in the Management Approach on pages 14-18. The Staffing Plan and Key Personnel on Pages 18-19 identifies project organization, key personnel, required resources, the intended communication process with EPA, the contractor's points of contact and responsibilities. Subcontractor management is not applicable since no subcontractor is proposed in the TMP.
OVERALL RATING FOR SUBFACTOR 2: **TECHNICAL MANAGEMENT PLAN** Rating: Acceptable			

SUBFACTOR 3: KEY PERSONNEL

CRITERIA	RATING	Proposal Page No.	Summary/Explanation
The contractor shall submit a resume for the proposed Key Personnel in accordance with the guidelines set forth in Attachment 4 – Personnel Category Descriptions in the base contract. Each resume is limited to a maximum of two pages. Specifically, each resume shall include the following: 1. Project Manager a. In order to be evaluated as Acceptable on this subfactor, the Project Manager is required to have: i. Ten (10) years of experience working with federal and State regulatory agencies on CERCLA projects, and five (5) years with Federal Facility CERCLA projects. 2. Hydrogeologist (Up to three (3) personnel) a. In order to be evaluated as Acceptable on this subfactor, the Hydrogeologist(s) are required to have a combined experience that includes the following: i. Professional Geologist certified in the State the Site is located (i.e., California or Arizona.) ii. At least six (6) years of experience in the evaluation and analysis of investigations and/or remediation activities for CERCLA Federal Facilities groundwater sites and/or similar experience with complex large CERCLA projects. iii. At least three (3) years of experience providing technical review of groundwater monitoring and extraction well installation and development. iv. At least two (2) CERCLA projects	Acceptable	Page 18, 19 and Attachment A	1.a. Senior Project Manager proposed is Karla Brasaemle. She has worked with EPA and state regulatory agencies on CERCLA Federal Facilities and other CERCLA sites for more than 25 years, providing EPA with evaluation and analysis of environmental investigations and remediation conducted by those facilities and sites, as well as project management. 2.a. Senior Hydrogeologists Karla Brasaemle and Mike Powers are proposed. 2.a.i. Ms. Brasaemle is a professional Geologist certified in the State of California, and Mr. Powers is a Professional Geologist registered in several states, and an applicant for a Professional Geologist in the State of Arizona. 2.a.ii. Ms. Brasaemle and Mr. Powers both have over 6 years of experience each in the evaluation and analysis of investigations and/or remediation activities for CERCLA Federal Facilities groundwater sites. Ms. Brasaemle Conducted technical oversight for EPA for more than 19 years at CERCLA Federal Facilities. 2.a.iii. Ms. Brasaemle's experience includes more than 25 years of groundwater monitoring, and extraction well installation and development.

supporting assessment or implementation of in-situ groundwater remediation techniques (e.g. chemical, physical, and bioremediation and bioaugmentation) and other innovative technologies, such as phytoremediation and thermal remediation. v. At least two (2) CERCLA projects demonstrating experience completing technical reviews of 3rd party generated groundwater and soil gas models. 3. Toxicologist (Risk Assessor): a. In order to be evaluated as Acceptable on this subfactor, the toxicologist (risk assessor) is required to have: i. A risk assessor (toxicologist) at least ten (10) years of experience evaluating risk assessments at CERCLA Sites and at least two (2) CERCLA projects including vapor intrusion pathway exposure evaluation and mitigation/remediation. 4. Engineer: a. In order to be evaluated as Acceptable on this subfactor, the engineer is required to have: i. A professional engineer with at least five (5) years of experience evaluating CERCLA design, construction, and operational performance of remediation systems.			2.a.iv. Ms. Brasaemle's has assessed in-situ groundwater remediation treatability studies and remedial actions for various technologies for over 25 years at more than 14 CERCLA federal facility projects (Hunters Point, Alameda, etc.) Mr. Powers has also supported the assessment of in-situ technologies for over 8 years at various CERCLA (Seneca Army Depot, Crab Orchard, etc.) 2.a.v. Ms. Brasaemle's experience includes review of groundwater flow and fate and transport models and soil gas models for at least 10 CERCLA projects (Edwards, Hunters Point, etc.). Mr. Powers also has reviewed numerical models (including groundwater and soil gas models) for over 15 years at several CERCLA projects (Crab Orchard, McGuire AFB, etc..) 3. The toxicologist proposed is Dr. Ann Schnitz. 3.a.i. Dr. Schnitz has decades of experience performing, managing, and developing numerous human health and ecological risk assessments at several CERCLA Sites. Several CERCLA projects involved evaluating the vapor intrusion pathway (Tacony Warehouse, Atlantick Richfield Company, etc.) 4. The engineer proposed is Nicole Goers. 4.a.i. Ms. Goers is a professional engineer in two states with more than 19 years of experience evaluating the design, construction, and operational performance of remediation systems under CERCLA.
OVERALL RATING FOR SUBFACTOR 3: **KEY PERSONNEL** Rating: Acceptable			

CRITERIA	RATING	Proposal Page No.	Summary/Explanation
Technical Approach: Overall technical capability is assessed based on whether the proposed approach meets or does not meet the minimum performance or capability requirements through an assessment of three (3) sub factors.	Acceptable	All pages referenced above.	The overall technical capability has clearly been addressed by meeting all of the criteria from the 3 subfactors with an acceptable rating.
OVERALL RATING FOR: **OVERALL TECHNICAL APPROACH** Rating: Acceptable			

OVERALL TECHNICAL APPROACH